

CLAIMS

I claim:

1. An apparatus for use in a coolant reclaiming system to collect and return coolant to a coolant delivery system used in cutting machines, comprising:
 - a body that is hollow and generally cylindrically shaped, said body defined by an inner diameter, an outer diameter and includes a first end, a second end and a side-wall of a thickness equal to the difference of the inner diameter and the outer diameter, the side-wall having an inner surface and an outer surface;
 - a shoulder, said shoulder formed integrally with the inner surface of the side-wall;
 - a bottom connected to the inner surface of the side-wall between the first and second ends of said body; and
 - a drain line connected to a drain port defined by the side-wall.
2. The apparatus in accordance of claim 1 further comprising:
 - at least 3 casters connected to said body for supporting the apparatus upon a surface.
3. The apparatus in accordance of claim 2, wherein the casters are connected to said body at a spaced distance therefrom so that the casters contact the surface along an arcuate path of a diameter greater than the outer diameter of said body.
4. The apparatus in accordance of claim 1, wherein the first and second ends are open and the first end for receiving a barrel of an exterior diameter therethrough.

5. The apparatus in accordance of claim 4, wherein the inner diameter of said body is greater than the exterior diameter of the barrel and said shoulder is for supporting the barrel thereon and within said body.
6. The apparatus in accordance of claim 1, wherein said shoulder has a first shoulder diameter greater then the inner diameter of said body and has a second should diameter equal to the inner diameter of said body.
7. The apparatus in accordance of claim 1, wherein the drain port is formed through the side-wall of said body.
8. The apparatus in accordance of claim 7, wherein the lower edge of the drain port is flush with said bottom.
9. An apparatus for use in a coolant reclaiming system to collect and return coolant to a coolant delivery system used in cutting machines, comprising:
 - a body that is hollow and generally cylindrically shaped, said body of an inner diameter, an outer diameter and having a first end, a second end and a side-wall, the side-wall having an inner surface and an outer surface;
 - a shoulder, said shoulder integrally formed with the inner surface of the side-wall at a spaced distance from the first end, said shoulder having a first shoulder diameter and a second shoulder diameter;
 - a bottom connected to the inner surface of the side-wall between the first and second ends of said body towards the first end thereof; and
 - a drain line connected to a drain port formed through the side-wall.
10. The apparatus in accordance of claim 9, wherein the first and second ends are open and the first end for receiving a barrel of an exterior diameter that is

greater than second shoulder diameter of said shoulder and said shoulder for supporting the barrel thereon.

11. The apparatus in accordance of claim 10, wherein the first shoulder diameter of said shoulder is slightly greater than the exterior diameter of the barrel so as to provide a tight tolerance between the inner surface of the side-wall and the outer surface of the barrel so a bottom edge of the barrel contacts the inner surface of the side-wall when the barrel begins to tip, thereby preventing the barrel from tipping over.
12. The apparatus in accordance of claim 9, wherein the drain port is formed through the side-wall so that the bottom edge of the drain port is flush with said bottom.
13. The apparatus in accordance of claim 9, further comprising:
 - at least 3 casters connected to said body for supporting the apparatus upon a surface.
14. The apparatus in accordance of claim 13, wherein the casters are connected to said body at a spaced distance therefrom so that the casters contact the surface along an arcuate path of a diameter greater than the outer diameter of said body.
15. An apparatus for use in a coolant reclaiming system to collect and return coolant to a coolant delivery system used in cutting machines, comprising:
 - a body that is hollow and generally cylindrically shaped, said body of an inner diameter, an outer diameter and having a first end, a second end and a side-wall, the side-wall having an inner surface and an outer surface;

a shoulder, said shoulder integrally formed with the inner surface of the side-wall, said shoulder having a first shoulder diameter greater than the inner diameter of said body and a second shoulder diameter equal to the inner diameter of said body;

a bottom connected to the inner surface of the side-wall between the first and second ends of said body towards the first end thereof;

a drain line connected to a drain port formed through the side-wall, the drain port formed through the side-wall so that the lower edge of the drain port is flush with said bottom; and

at least 3 casters connected to said body at a spaced distance therefrom.

16. The apparatus in accordance of claim 15, the first and second ends are open and the first end for receiving a barrel of an exterior diameter that is less than the first shoulder diameter of said shoulder and said shoulder supporting the barrel thereon.
17. The apparatus in accordance of claim 16, wherein the first shoulder diameter of said shoulder is slightly greater than the exterior diameter of the barrel so as to provide a tight tolerance between the inner surface of the side-wall and the outer surface of the barrel so a bottom edge of the barrel contacts the inner surface of the side-wall when the barrel begins to tip, thereby preventing the barrel from tipping over.
18. The apparatus in accordance of claim 15, wherein the casters are connected to said body at a spaced distance therefrom so that the casters contact the surface along an arcuate path of a diameter greater than the outer diameter of said body.